



## Re: Sprinkler valve solenoid amps?

My degree was in Business so I start to get fuzzy at this point. Could one of the wires be missing some insulation somewhere underground and drawing off enough amperage to keep the solenoid from actuating while still showing 27.4 volts?

Is there anything that could happen to a solenoid coil that could make it demand more current to operate?

Sadly my \$30 meter doesn't have an amperage function. Would hooking the voltmeter in series with the circuit tell me anything?

Can anyone give me a clue as to what's going on?

Dallas

Loading. You are testing the wire in a no-load condition.

A nick in the wire somewhere allowing water to enter could have caused corrosion, and made a resistor of your wire. When you check the end of it, even with your finger, you have not applied a load to the line. Try measuring the voltage at the valve when the wires are connected. I bet you will find that due to resistance in the wire, you have too much voltage drop for the valve to work.

If so, your best option is to replace the wire.

Jammy

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